

15541 U.S. PTO
07/10/03

PATENT APPLICATION

Mail Stop Patent Application
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Sir:

16591 U.S. PTO
10/617231
07/10/03

Enclosed herewith for filing is the following utility patent application.

Applicants: **JOHN BENJAMIN SOUTHALL, THEODORE ARMAND CAMUS,
DAVID HIRVONEN**

Title of application: **METHOD AND APPARATUS FOR REFINING TARGET
POSITION AND SIZE ESTIMATES USING IMAGE AND DEPTH DATA**

Pages of specification: 17 (including 6 pages of claims and
1 page abstract)

Sheets of drawings: 7

Executed on: 7/5/03

Docket No.: **SAR 14884**

PATENT APPLICATION FILING FEE CALCULATION				
	No. Filed	Less	Rate/Claim	Fee
Total Claims	24	-20	4 x \$ 18.00	\$ 72.00
Independent Claims	3	-3	0 x \$ 84.00	\$ 0.00
Minimum Filing Fee				\$750.00
Multiple Dependency Fee (if applicable - \$270.00)				\$
50% Reduction for Small Entity (Independent Inventor, Non-profit Corporation, or Small Business Concern) - appropriate verified statement attached				- \$
TOTAL FILING FEE				<u>\$822.00</u>

Kindly charge the entire and/or any additional filing fee,
as appropriate, to deposit account number 04-0203. To facilitate
that charge, a duplicate copy of this letter is enclosed herewith

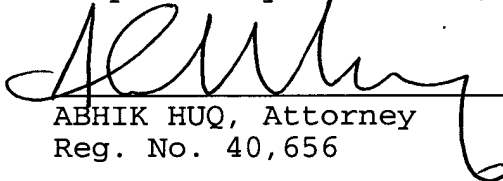
Kindly send all correspondence relating to this application
to the following address having a Customer number: **28166**

Moser, Patterson & Sheridan, LLP
595 Shrewsbury Avenue, Suite 100
Shrewsbury, NJ 07702

Also enclosed herewith for filing in connection with the enclosed application are:

- ☐ Oath;
- ☒ Declaration and Power of Attorney;
- ☐ Disclosure Statement;
- ☐ Letter referencing previously filed disclosure document; number _____ filed _____;
- ☐ Verified Statement claiming small entity status;
- ☒ An assignment of the application to: Sarnoff Corporation;
- ☐ A certified copy of a _____ patent application or inventor's certificate, filed _____ and serial no. _____, upon which a claim to priority is made;
- ☐ Other: _____

Respectfully submitted,

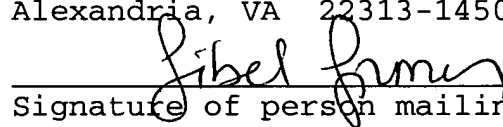

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*****EXPRESS MAIL CERTIFICATION*****

"Express Mail" mailing label number: EU 906614749 US
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I hereby certify that this patent application and related papers is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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UNITED STATES PATENT APPLICATION FOR:

**METHOD AND APPARATUS FOR REFINING TARGET POSITION AND SIZE
ESTIMATES USING IMAGE AND DEPTH DATA**

INVENTORS:

**JOHN BENJAMIN SOUTHALL
THEODORE ARMAND CAMUS
DAVID HIRVONEN**

ATTORNEY DOCKET NUMBER: SAR 14884

CERTIFICATION OF MAILING UNDER 37 C.F.R. 1.10

I hereby certify that this New Application and the documents referred to as enclosed therein are being deposited with the United States Postal Service on 7/10/03, in an envelope marked as "Express Mail United States Postal Service", Mailing Label No. EA 906 614744, addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

Signature

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Date of signature

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